

TeVPA 2023 - Napoli Italy

Wednesday, 13 September 2023

DDM: Direct DM searches (14:00 - 16:00)

time	[id] title	presenter
14:00	[12] Light dark matter search results from DarkSide-50	PANTIC, Emilija
14:20	[192] Understanding the effects of pile up in the DEAP-3600 detector	BINA, Catherine
14:40	[262] Illuminating the Invisible: deep underground dark matter search with COSINUS using NaI cryogenic calorimeters	RAGHUNATH BHARADWAJ, Mukund
15:00	[24] The search for dark matter in DarkSide	MATTEUCCI, Giuseppe
15:15	[90] Status and prospects of SuperCDMS SNOLAB	LOPEZ ASAMAR, Elias
15:30	[216] The Canfranc Axion Detection Experiment (CADEx): a novel haloscope search for Dark Matter axions in the mass range 330–460 μeV	KAVANAGH, Bradley
15:45	[80] The CYGNUS project	BARACCHINI, Elisabetta

DDM: Direct DM searches (16:30 - 18:30)

time	[id] title	presenter
16:30	[340] The SABRE South Experiment at the Stawell Underground Physics Laboratory	BOLOGNINO, Irene
16:45	[110] Anomaly aware machine learning for dark matter direct detection at DARWIN	SCAFFIDI, Andre
17:00	[48] Testing the Sterile Baryonic Neutrino with Direct Detection and Spallation Source Experiments	ALONSO-GONZÁLEZ, David
17:15	[63] Updated constraints from cosmic-ray upscattering of GeV-scale dark matter	BRINGMANN, Torsten
17:30	[302] Dark Matter in the light of no signals	Dr HERRERO GARCÍA, Juan
17:45	[49] Freeze-in: Problems and Opportunities	COSTA, Francesco

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time	[id] title	presenter
14:00	[281] New constraints on multiply-interacting ultra-heavy dark matter from the LUX-ZEPLIN (LZ) experiment	SMITH, Ryan
14:20	[79] The CYGNO project for directional Dark Matter searches	Mr PRAJAPATI, Atul
14:40	[4] NEWSdm : directional dark matter searches with nuclear emulsion	SADYKOV, Zhakypbek
15:00	[46] General dark matter electron interactions in graphene	URDSHALS, Einar
15:15	[52] Detection of sub-GeV Dark Matter using Superfluid Helium-3 with the QUEST-DMC Detector	KEMP, Ashlea
15:30	[53] Mineral Detection of Dark Matter	STENGEL, Patrick
15:45	[98] Developments in sub-GeV dark matter direct detection: Nanomaterials and Molecules	BLANCO, Carlos